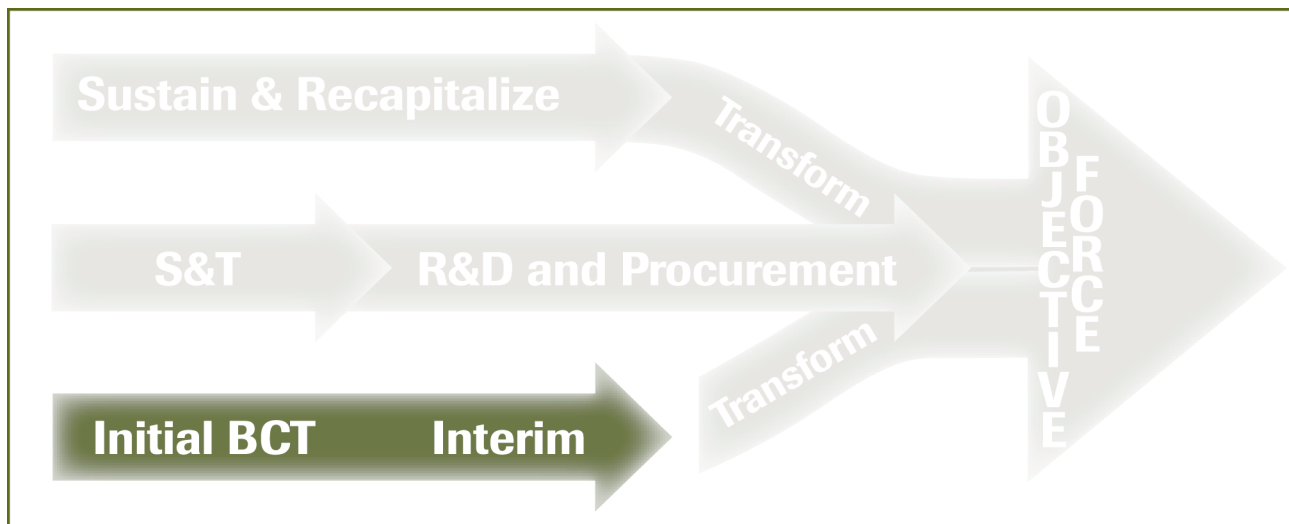


Interim Armored Vehicle (IAV)



MISSION

Ensure the effectiveness of the Brigade Combat Team (BCT) such that the BCT can deploy anywhere in the world in a combat-ready configuration within 96 hours of liftoff.

DESCRIPTION AND SPECIFICATIONS

The Interim Armored Vehicle (IAV) will play a key role in the BCT. The BCT is a full-spectrum combat force whose effectiveness was confirmed, through extensive analysis, in all operational environments and against all current and projected threats. BCT is designed and optimized primarily for employment in small scale contingency operations in complex and urban terrain, against low-end and mid-range threats that may employ both conventional and asymmetric capabilities.

The BCT is capable of conducting all major doctrinal operations including offensive, defensive, stability, and support actions. Its core operational capabilities derive from excellent operational and tactical mobility, enhanced situational understanding, combined arms integration down to company level, and high dismount strengths for close combat in urban and complex terrain. Properly integrated through a mobile robust C4ISR network, these core capabilities lead to enhanced force effectiveness and compensate for platform limitations that may exist in the close fight. The BCT's success will result from its early entry, battlefield shaping, and decisive actions.

A family of IAVs will be the primary weapons system for the BCT. IAVs will be capable of infantry, reconnaissance, direct and indirect fires, command and control, engineering, medical, and other combat and combat support missions. The vehicle provides integral protection level against munitions up to 14.5mm armor piercing. It will be deployable by C-130 aircraft and be combat capable upon arrival in a contingency area. It can move about the battlefield quickly and is optimized for close, complex or urban terrain.

The IAV program takes advantage of non-developmental item systems with common subsystem and components to quickly acquire and field these systems. Where appropriate, IAVs will integrate existing Government Furnished Material subsystems, such as Long Range Advanced Scout Surveillance System (LRAS), and Forward Looking Infrared (FLIR).

The IAV vehicle is capable of self-deployment by highway (no heavy equipment transports) and self-recovery (no separate recovery vehicle). It has a low noise level that reduces crew fatigue and enhances survivability.

FOREIGN COUNTERPART

Not applicable

FOREIGN SALES

Not applicable

PROGRAM STATUS

To be determined

PROJECTED ACTIVITIES

To be determined

PRIME CONTRACTOR

To be determined

